



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Thursday August 27, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Hurricane Laura made landfall near Cameron, LA at approximately 1am CDT.**
- **Laura will move rapidly northward across LA and AR today with hurricane and tropical storm force winds extending well inland**
- **Slight risk of severe thunderstorms with tornadoes across LA and AR.**
- **Moderate risk area for excessive rainfall/flash flooding for portions of LA, AR, and NETX.**

FEMA Region 6 Threat Matrix

Aug 27, 2020 - Aug 31, 2020



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	LA,AR	LA,AR	N OK,AR		
Heavy Rain / Flash Flooding	W AR, W LA, NETX	LA,AR			
	E OK/TX/AR LA				
Fire Weather					
Tropical Winds / Surge	LA, ETX				
	S LA, ETX, SAR				
Heat					
River Flooding	SETX, S LA	SETX, LA	SETX, LA		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slides for more information



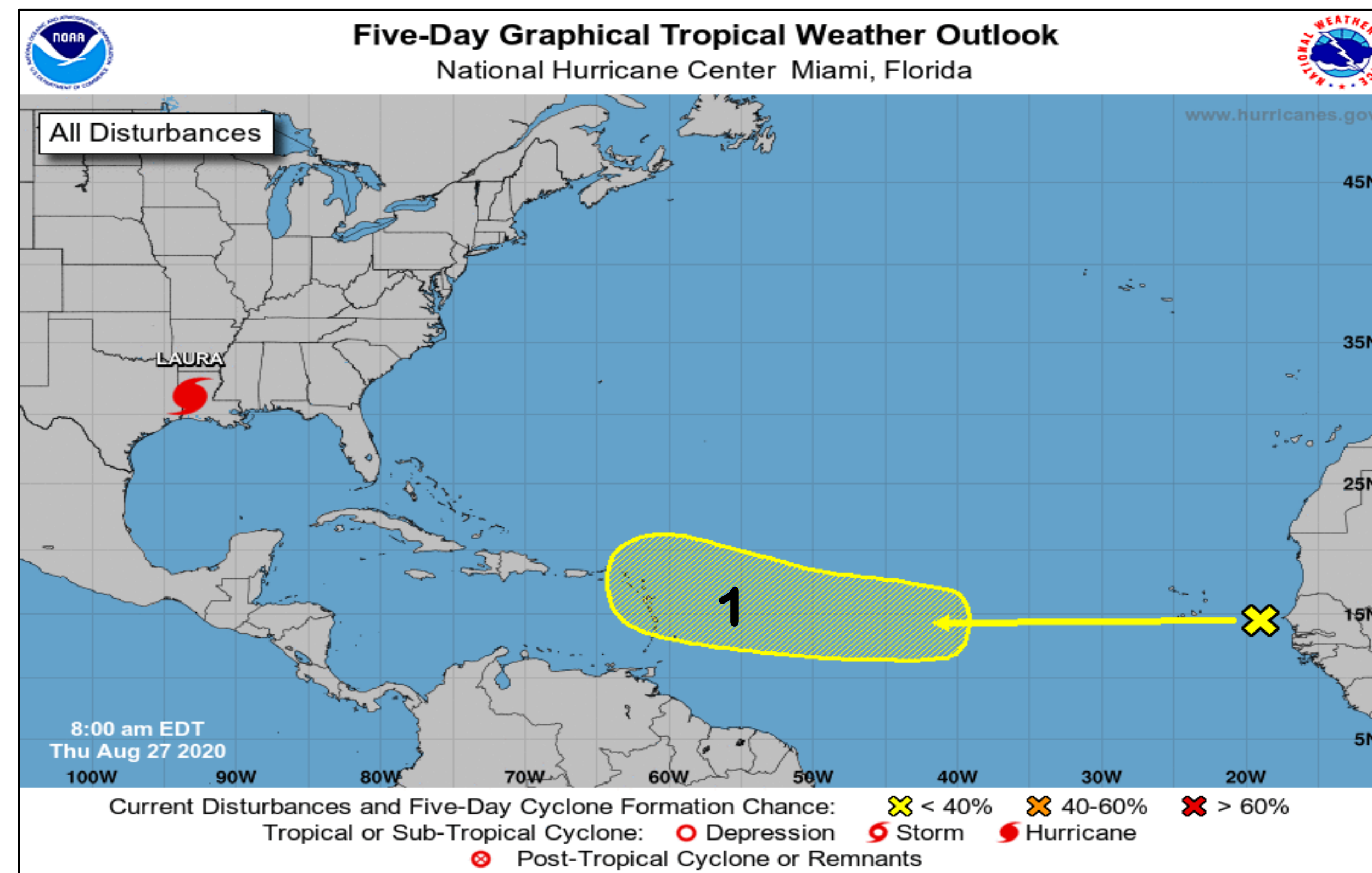
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Laura	Impacts from Laura in LA / AR / TX continue today.



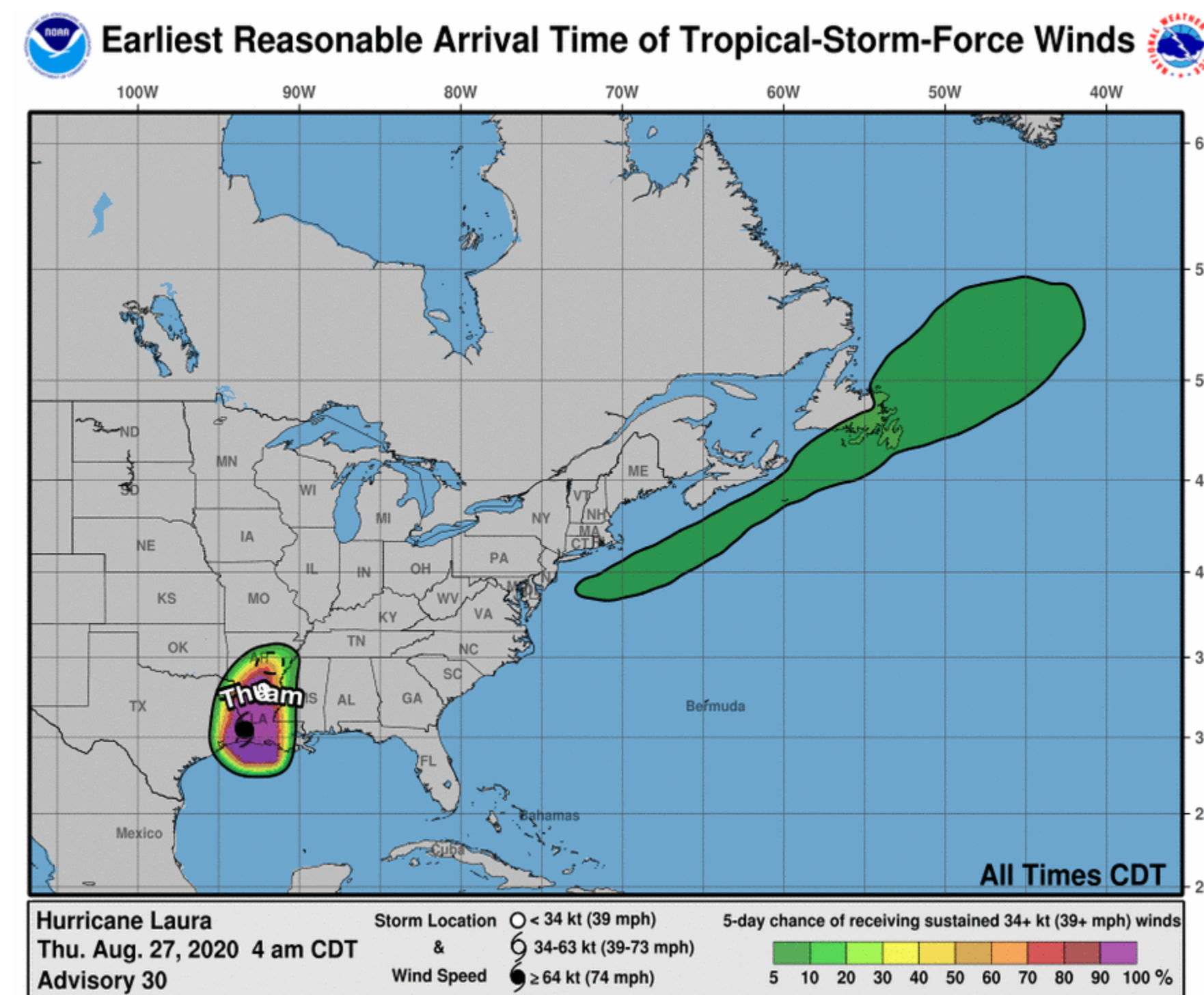
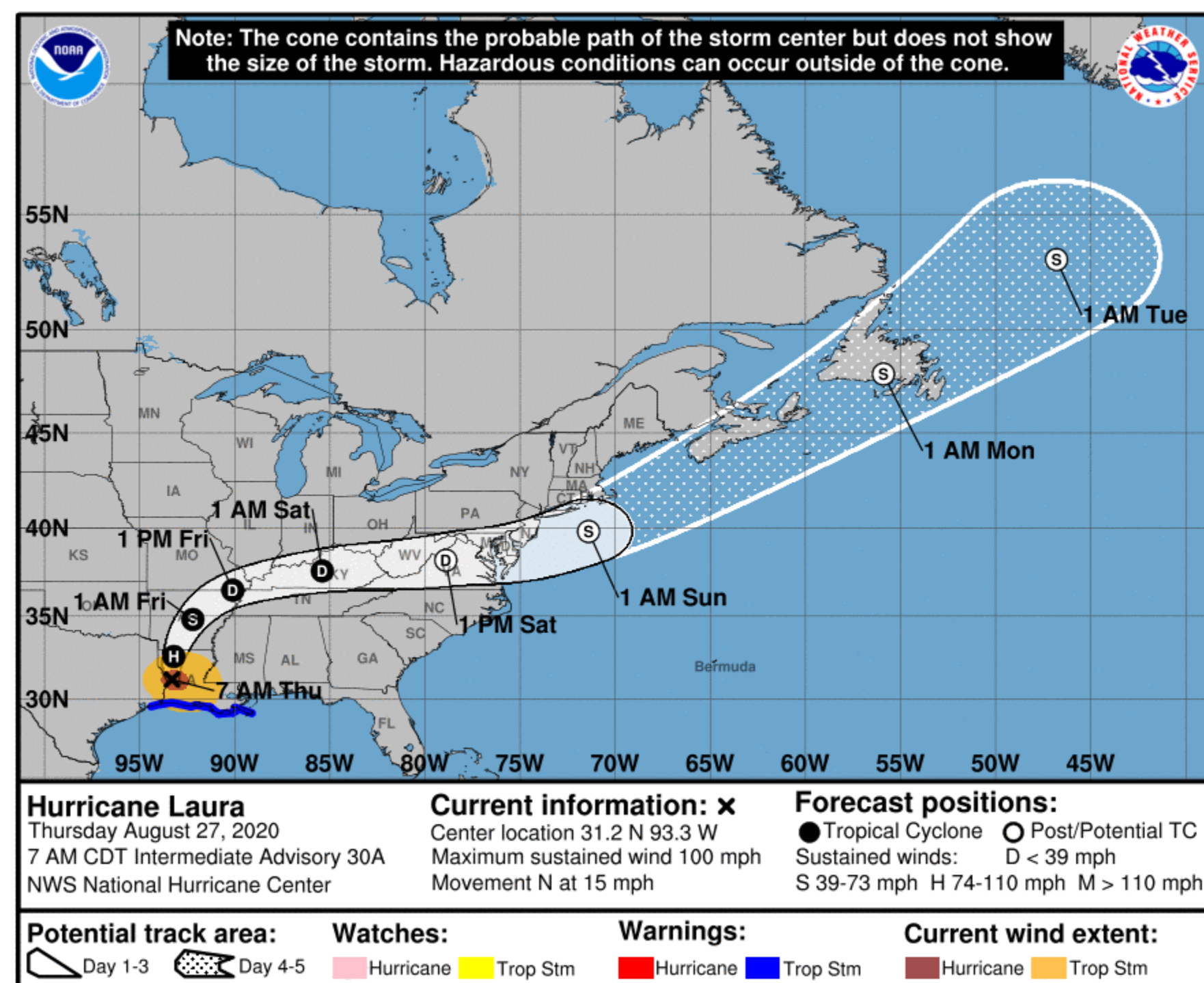
Hurricane Laura



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**Hurricane Laura made landfall at 1am CDT near Cameron, LA as a Category 4 hurricane with winds of 125 – 150 mph.
At 7am CDT: Laura currently has maximum winds of 100 mph and is moving north at 15 mph.**

Laura will continue to weaken as it moves northward across LA and AR but hurricane force winds will extend well inland across LA today and and tropical storm force winds into AR.



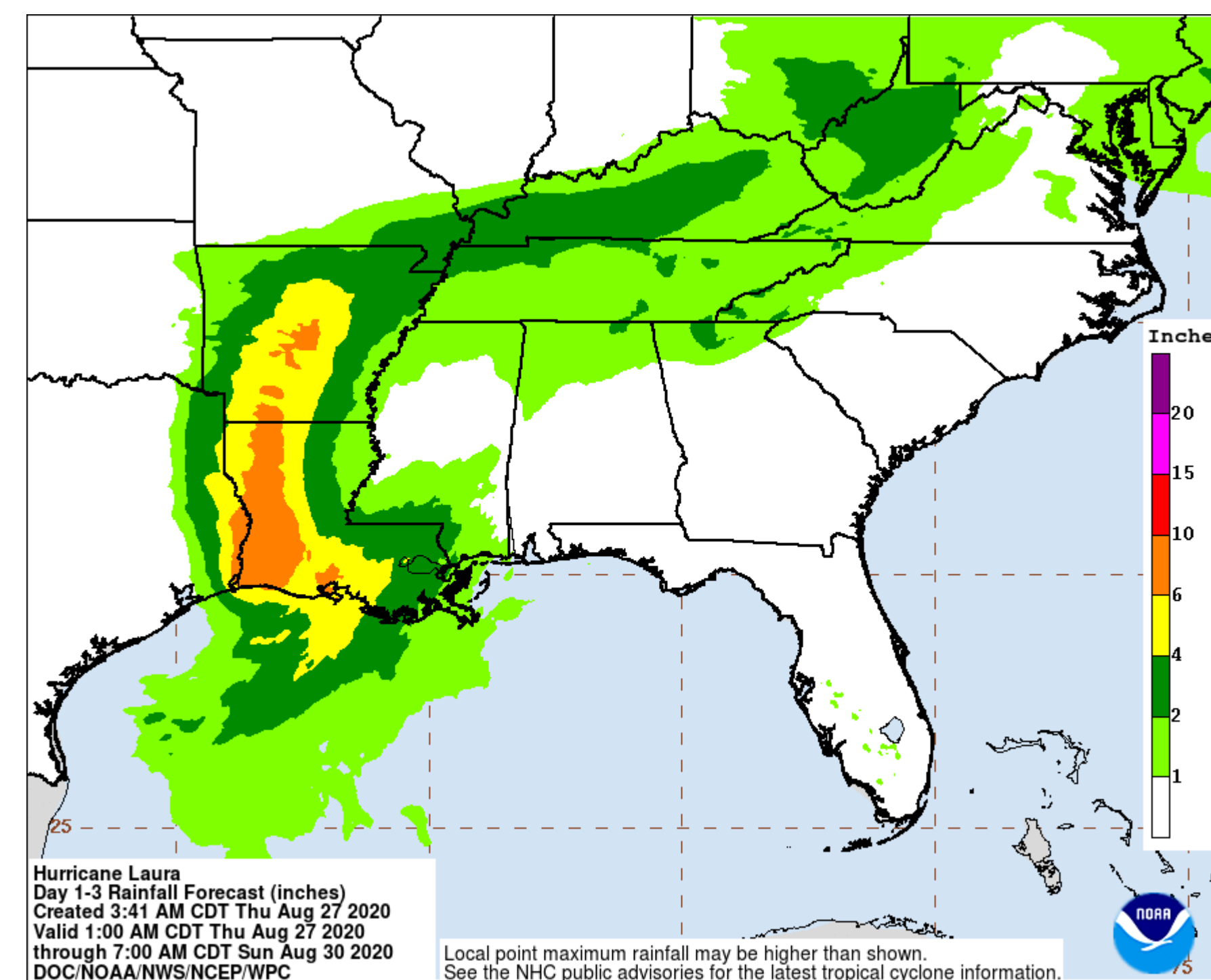
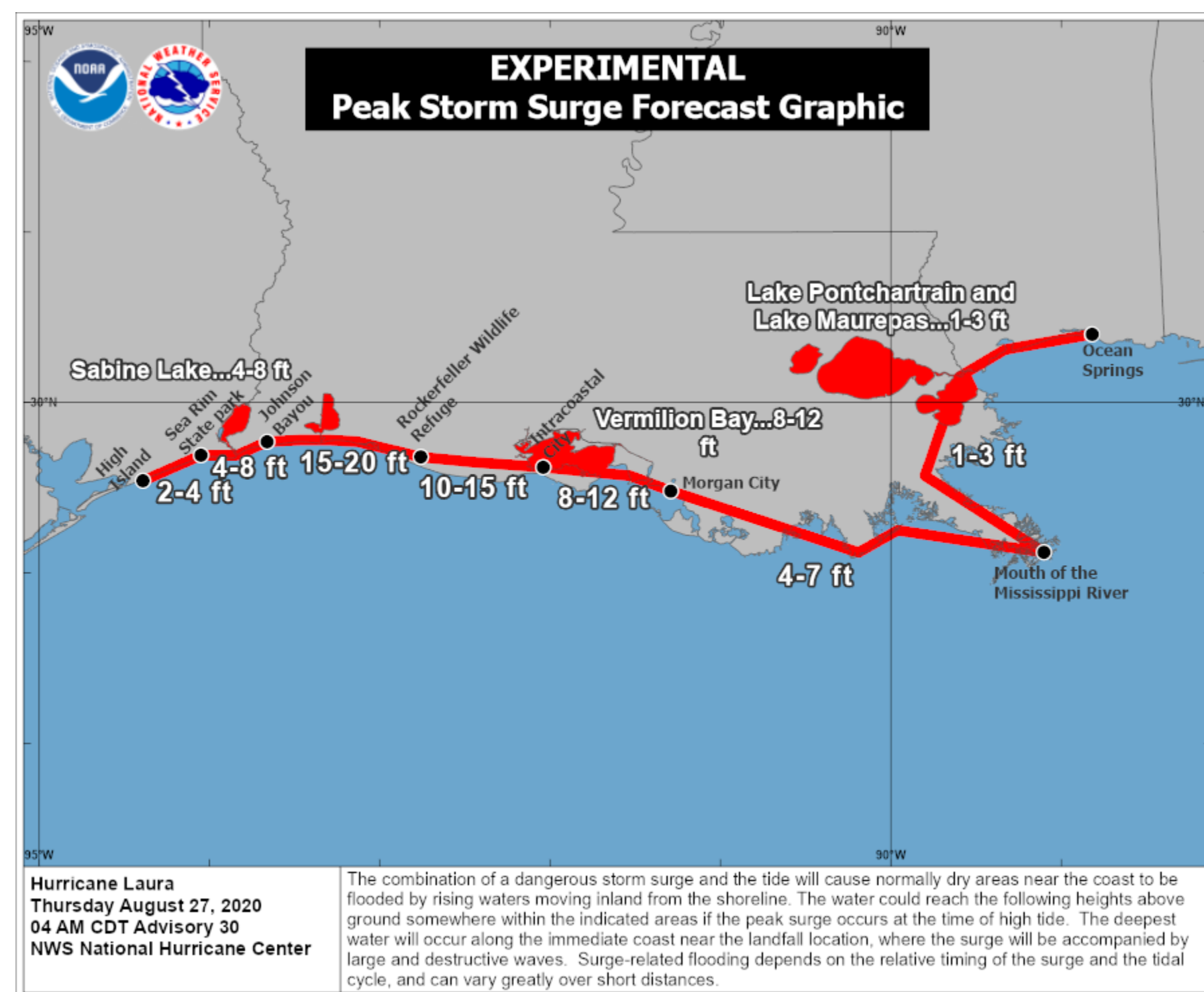
Hurricane Laura



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Laura will continue to weaken as it moves northward across LA and AR but hurricane force winds will extend well inland across LA today and and tropical storm force winds into AR.

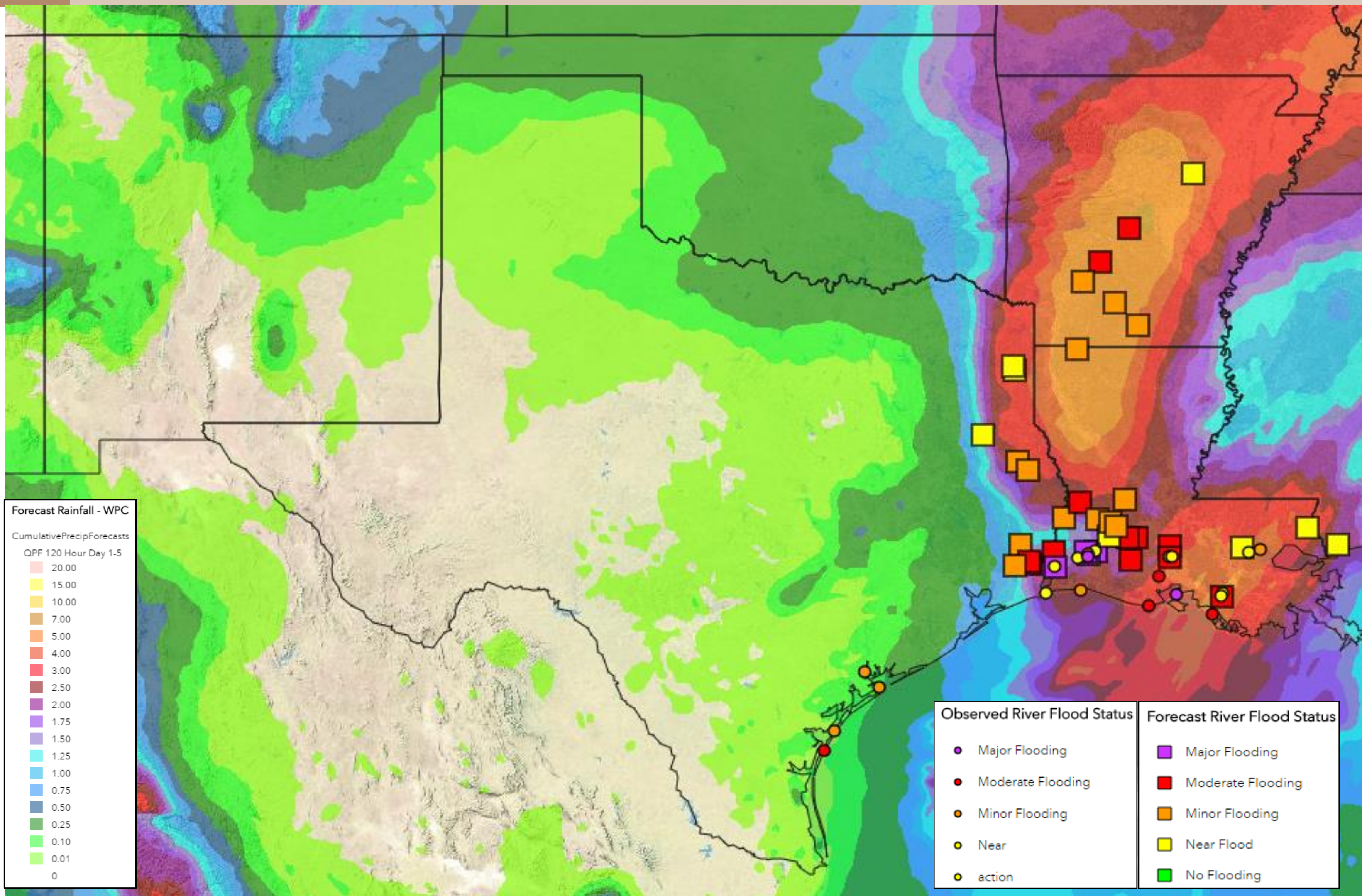


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

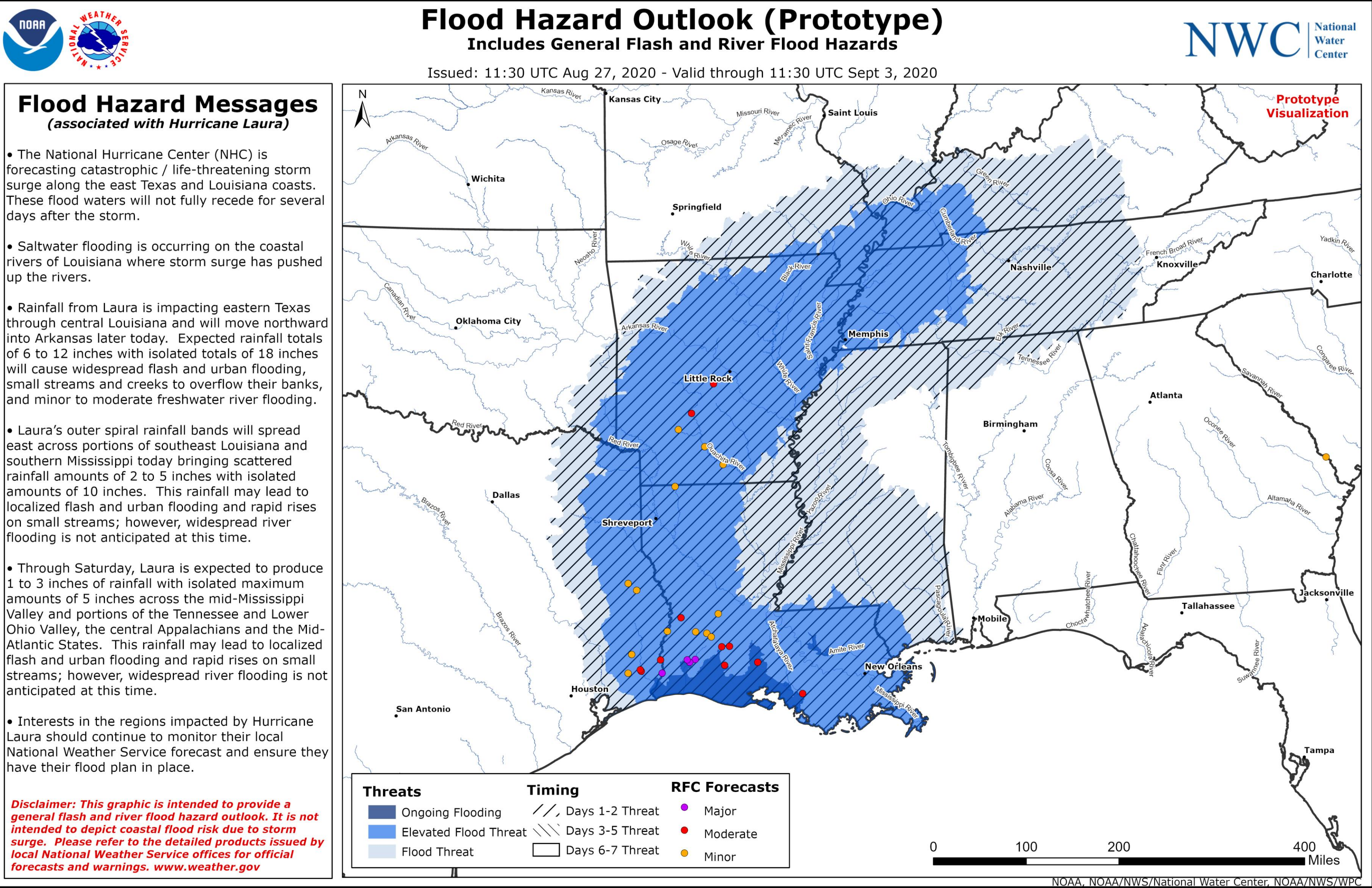


Tropical Storm Laura will bring widespread heavy rainfall to portions of E TX, LA, and AR today

Several points in southern Louisiana in major flood due to combination of surge and rainfall.

Significant river flooding is possible in SE TX along lower Sabine River and portions of the Neches River.

Minor to moderate river flooding possible across much of LA.

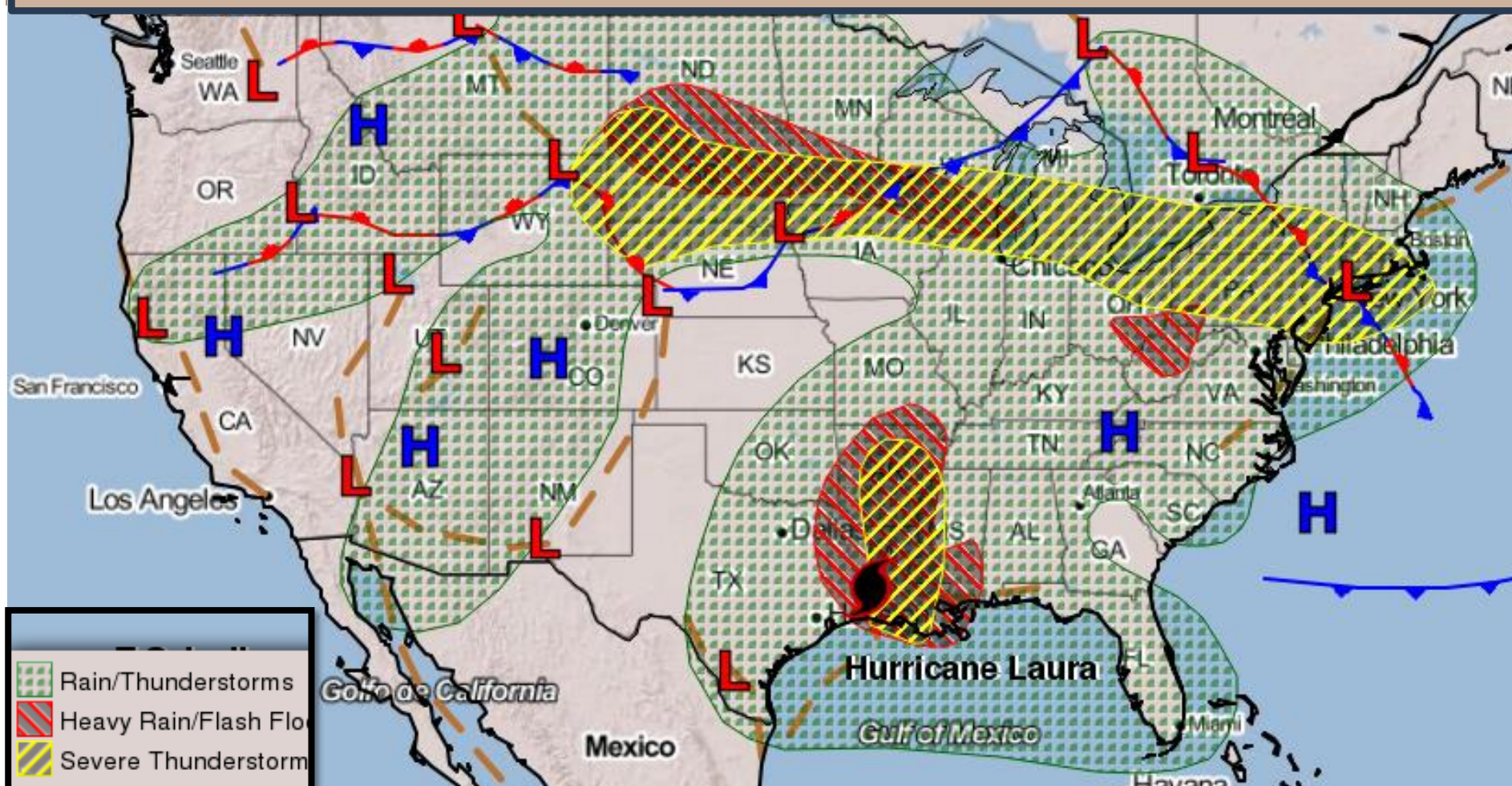


Today's Weather



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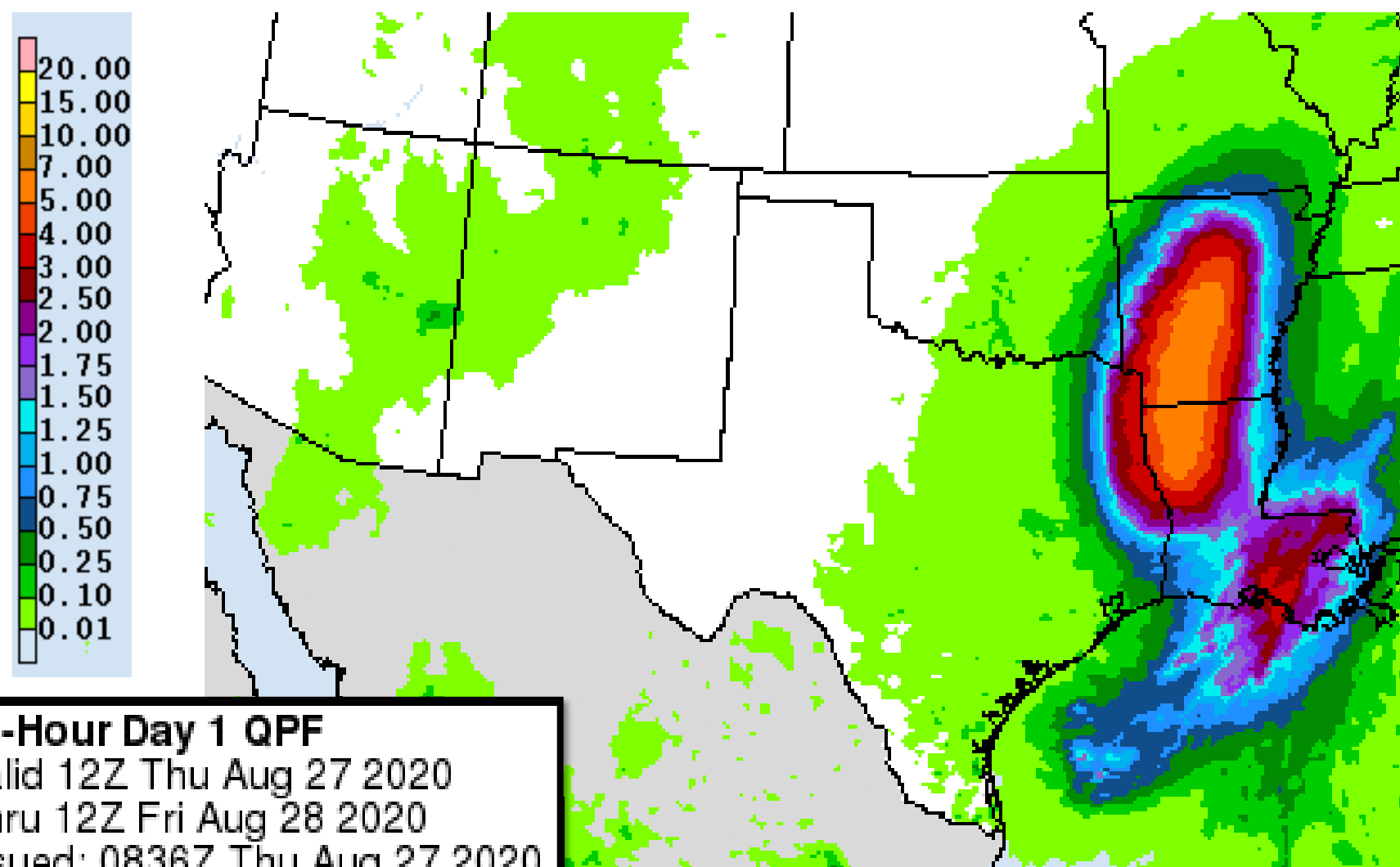
Forecast Chart



Weather Valid 8am EDT Thu Aug 27 2020 to 8am EDT Fri Aug 28 2020
Fronts Valid 8am EDT Thu Aug 27 2020

Issued 4:33 AM EDT Thu, Aug 27, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.

Forecast Rainfall

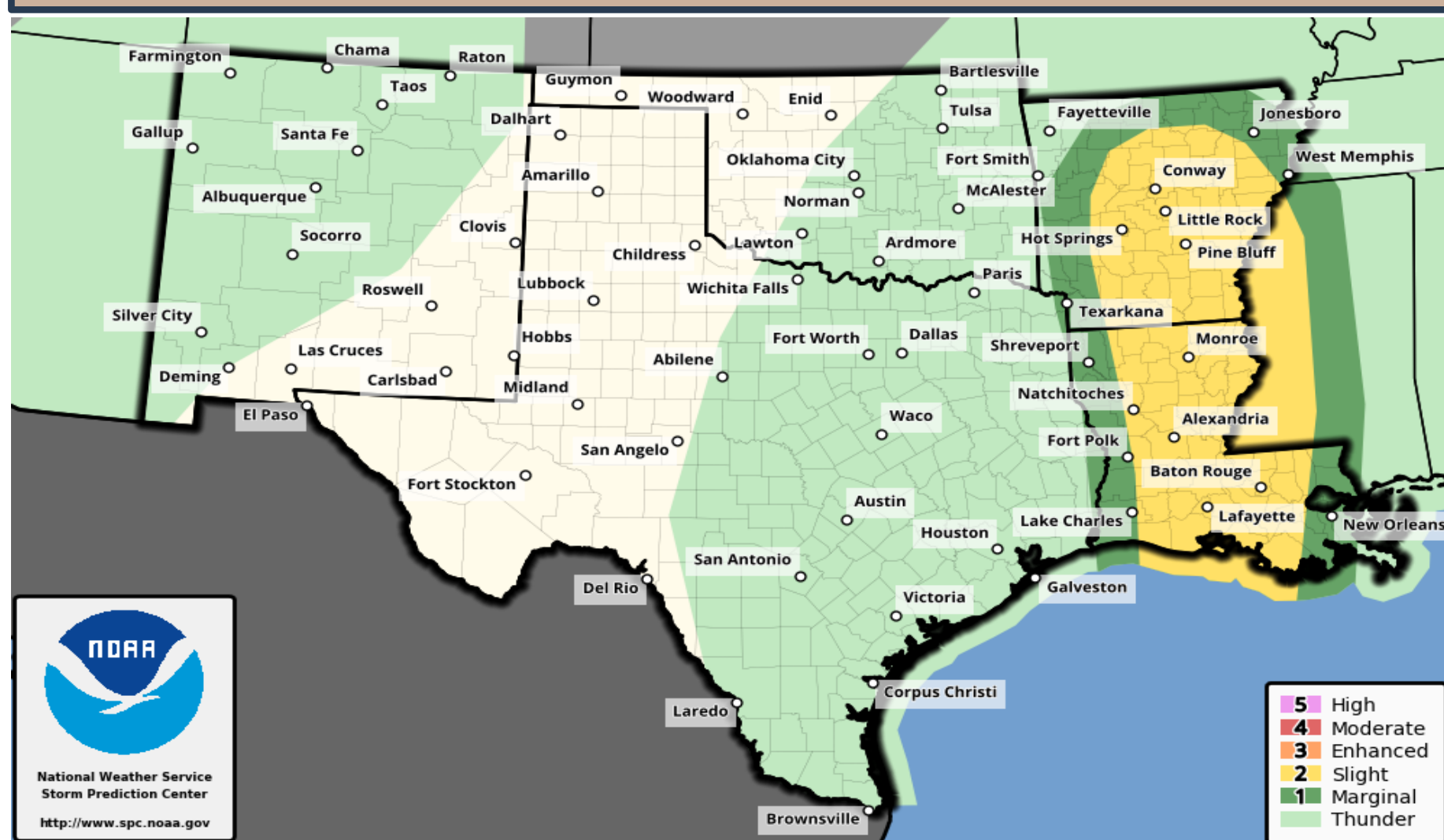


Hurricane impacts from Laura.

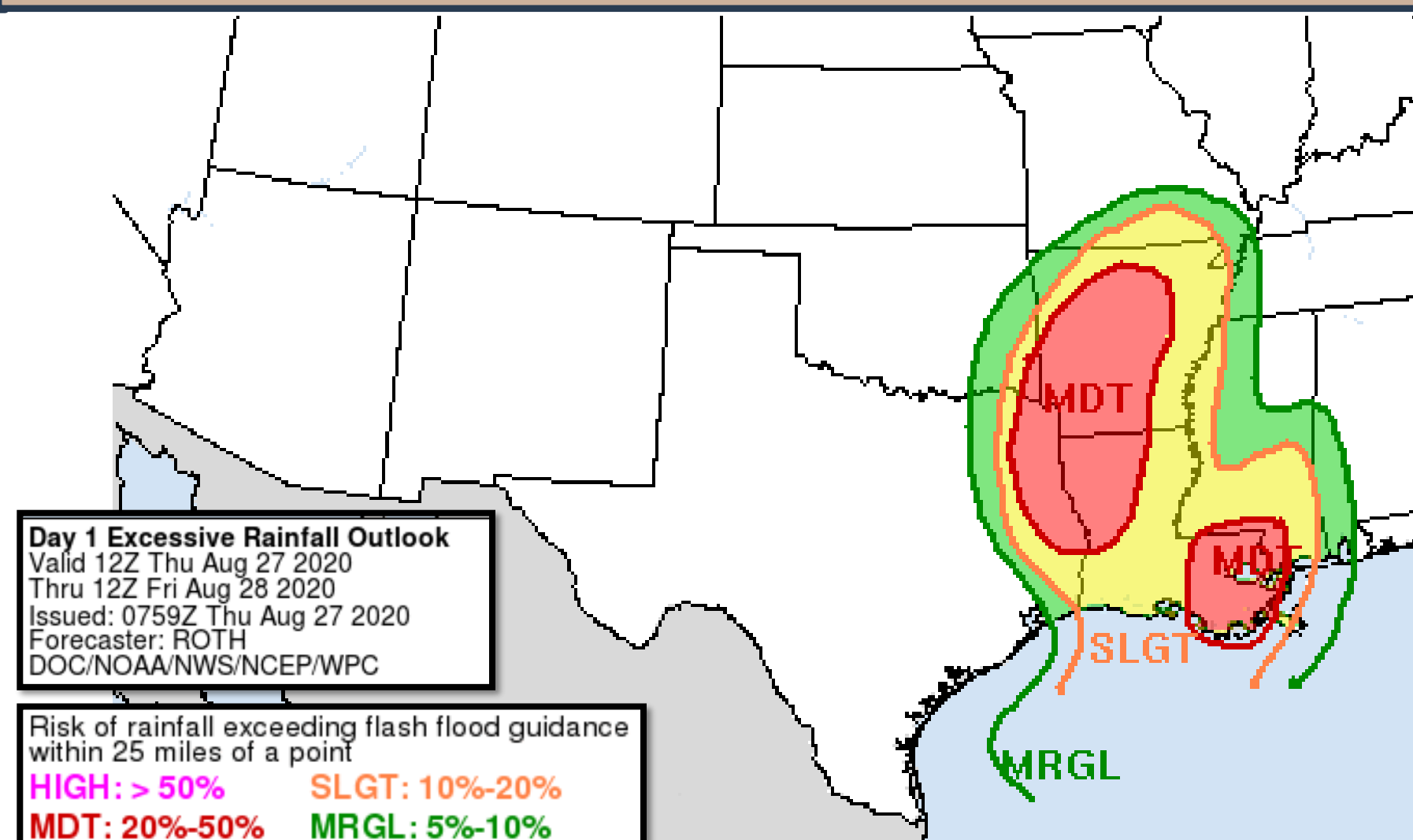
- Hurricane winds across SE TX/SW LA
- Storm surge across SETX/S LA.
- Heavy rain/flash flooding
- Isolated tornadoes.

Heavy rain/flash flooding leading to river flooding across E TX/LA/AR.
Heavy surf/dangerous rip currents.

Severe Weather Outlook



Excessive Rainfall Outlook



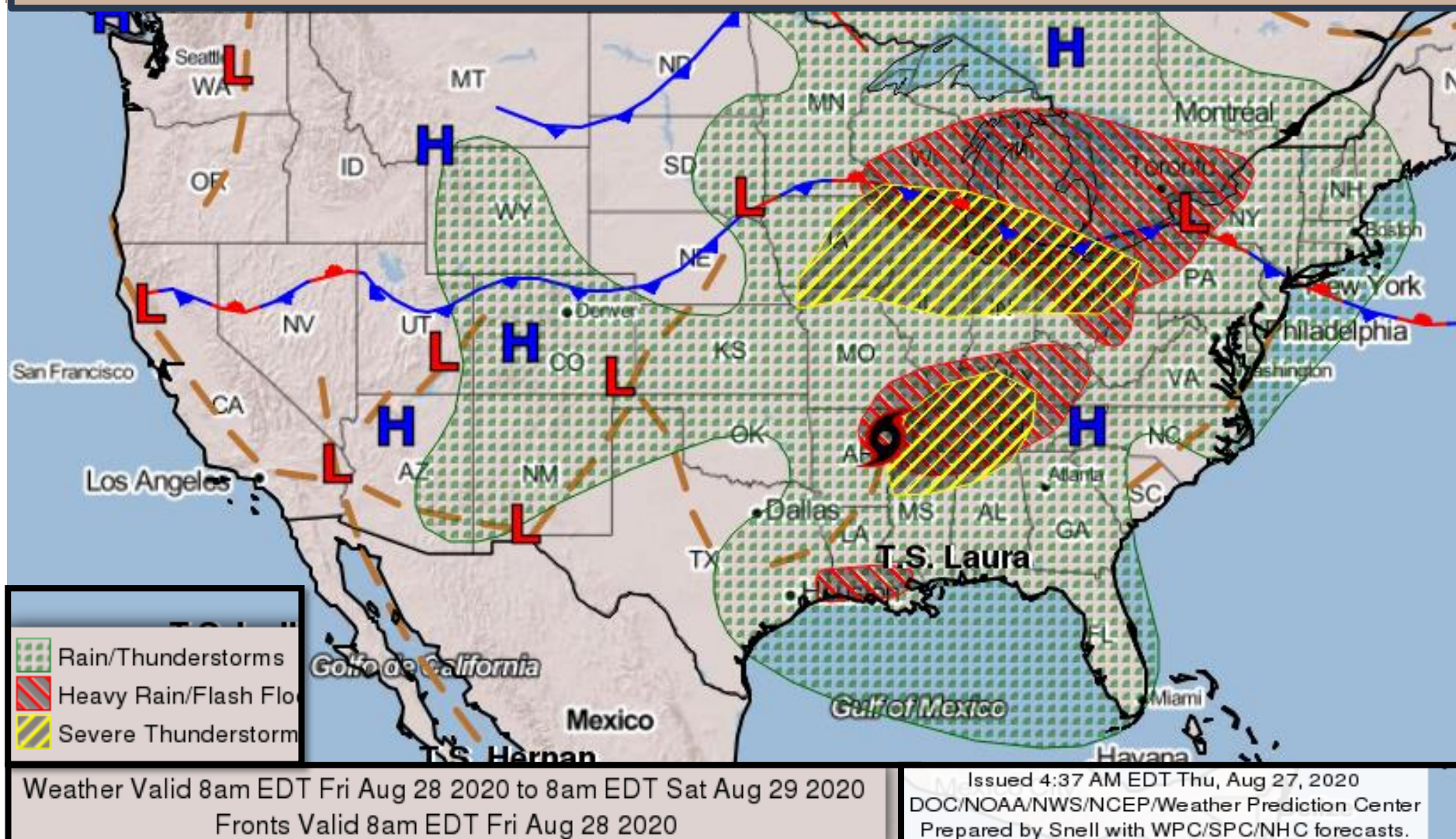
Tomorrow's Weather



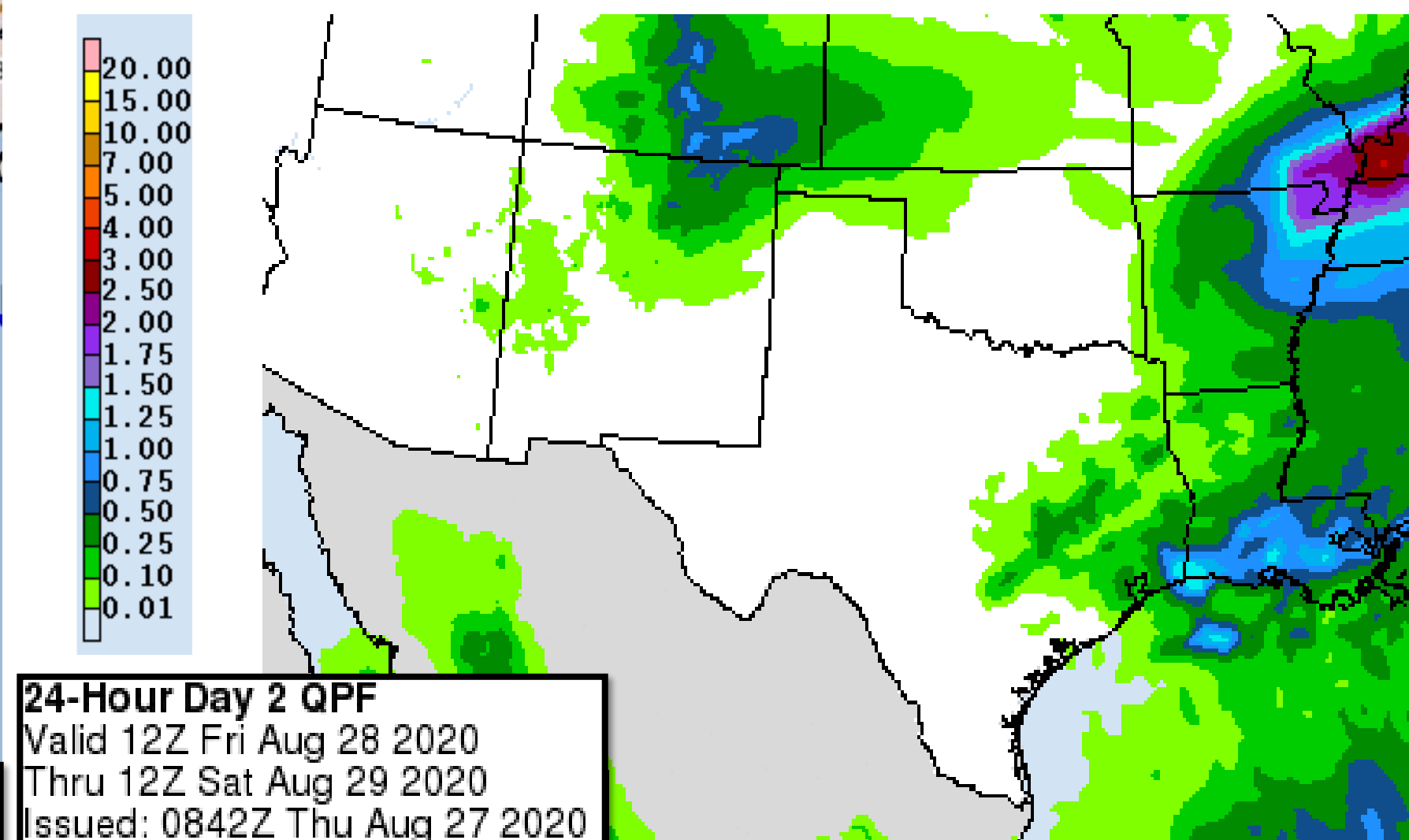
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Forecast Chart



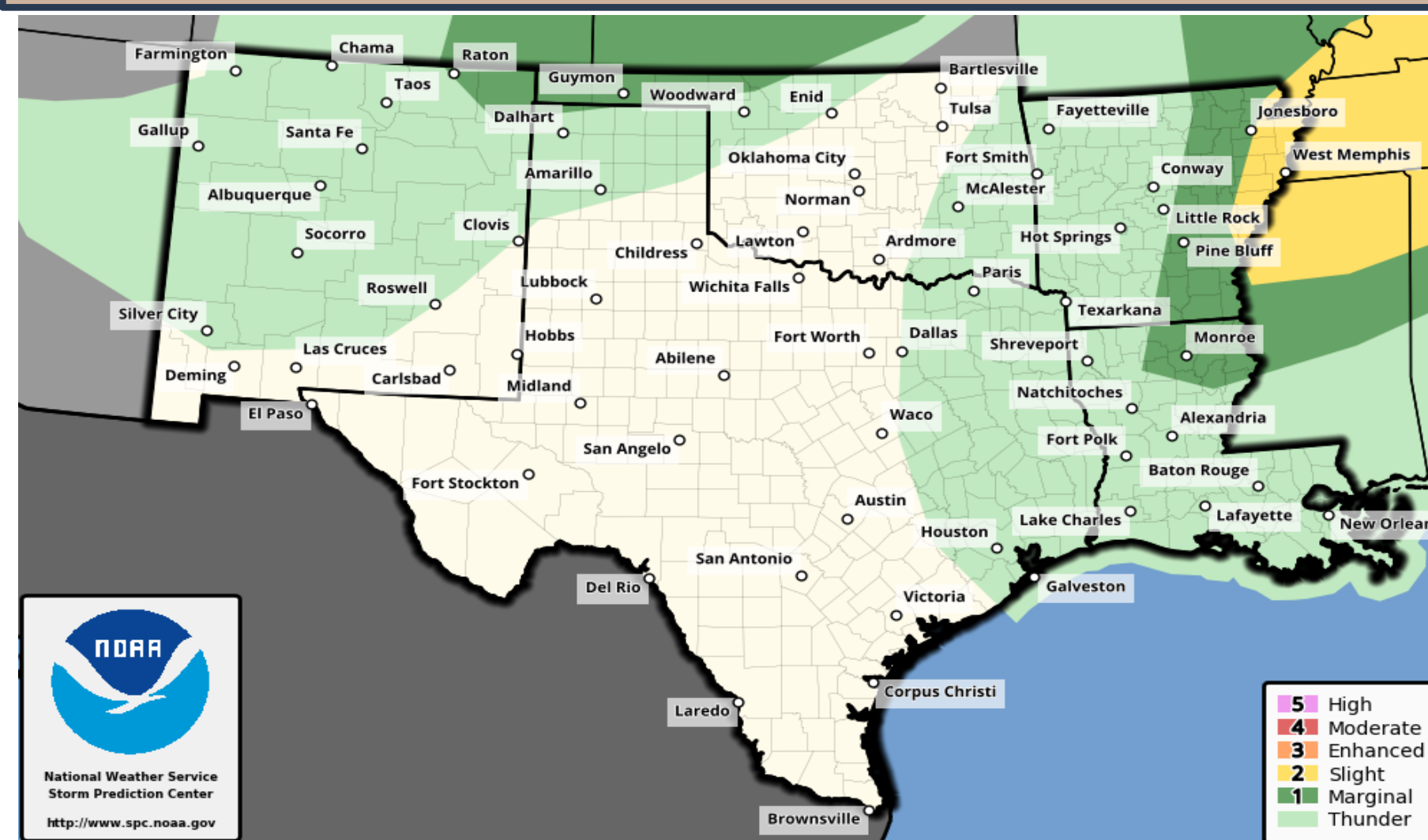
Forecast Rainfall



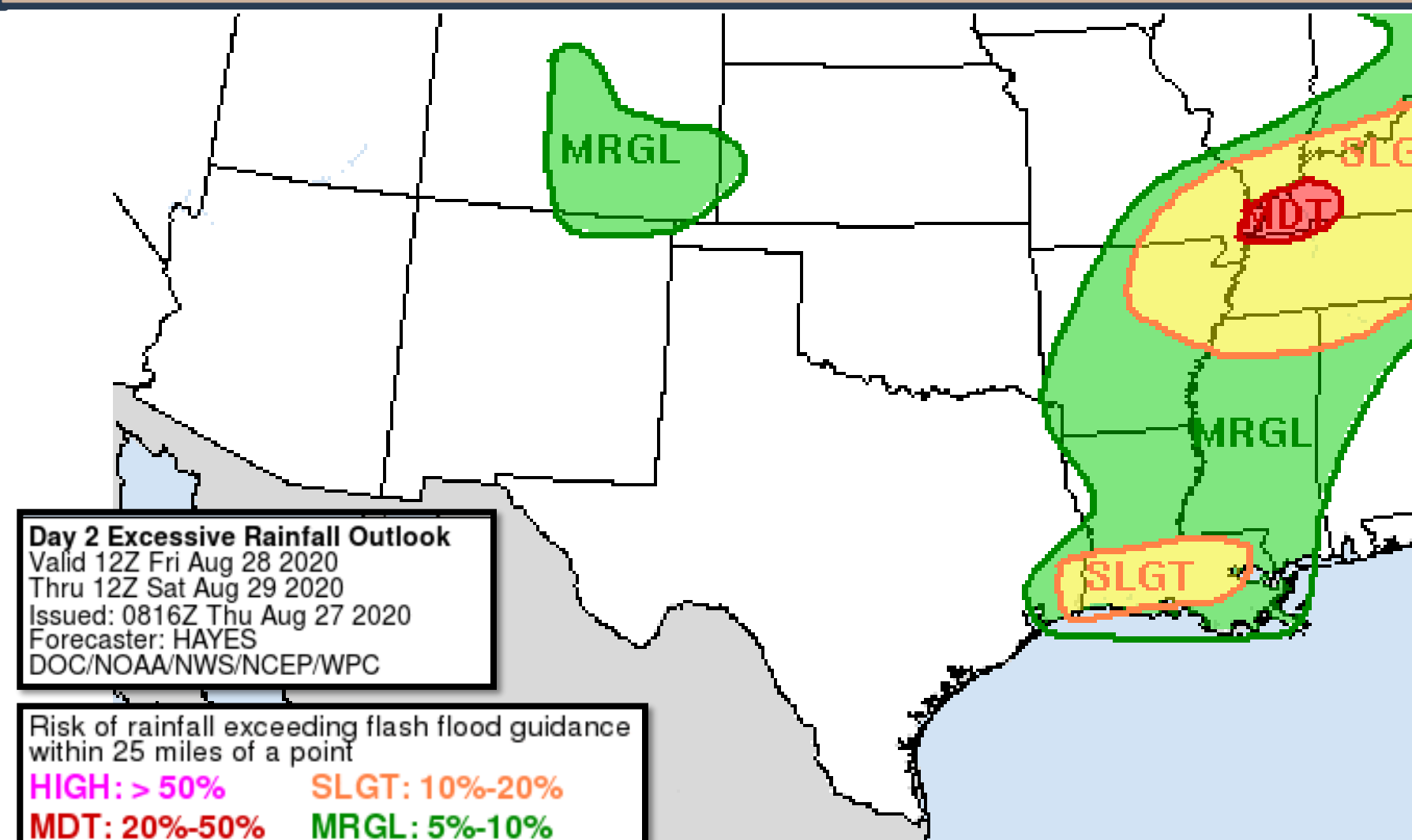
**Severe thunderstorms with
tornadoes and heavy rain/flash
flooding possible over LA/AR.**

**Tropical storm force winds
from Laura are possible across
NETX, LA and AR.**

Severe Weather Outlook



Excessive Rainfall Outlook



Saturday's Weather

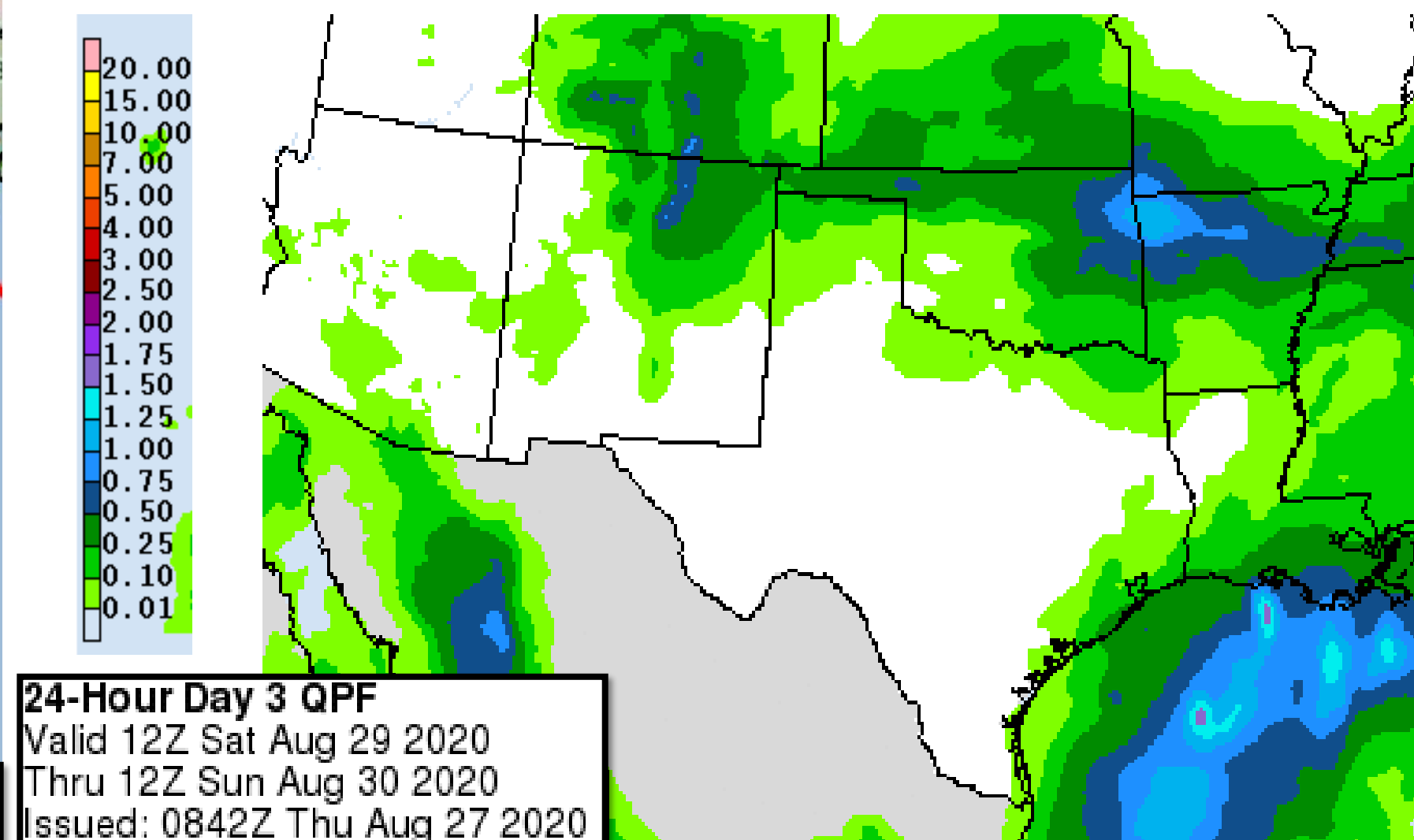
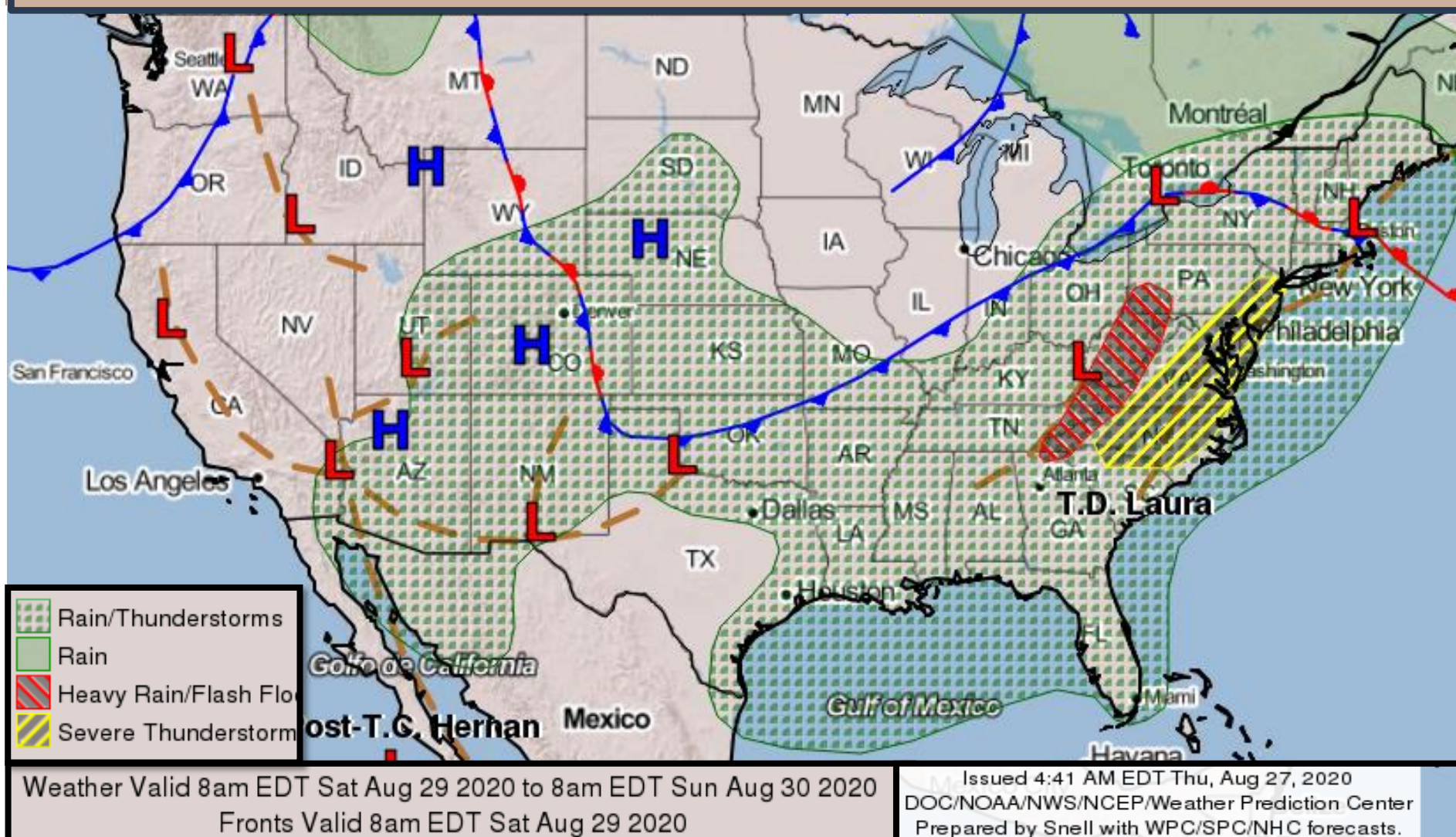


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Forecast Chart

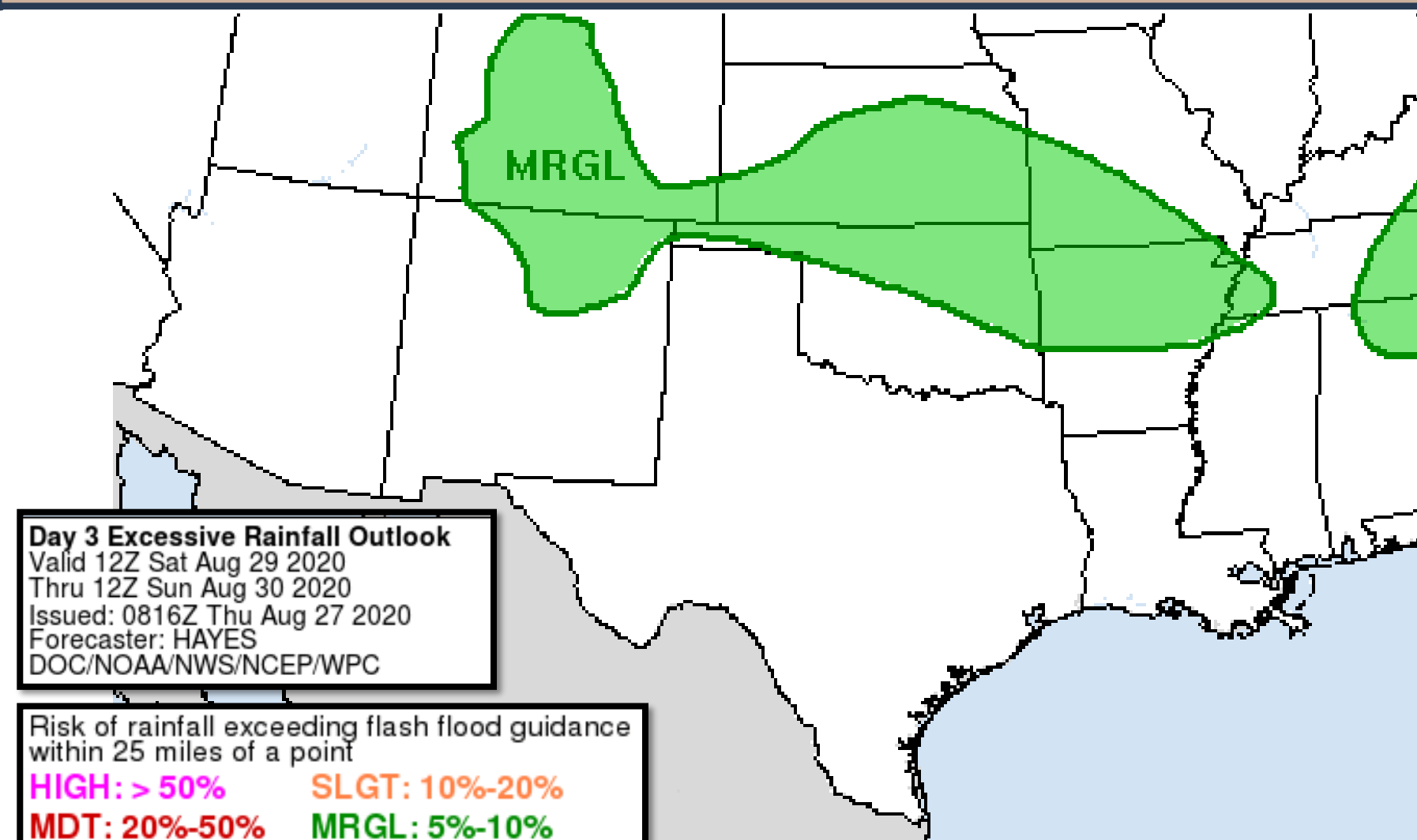
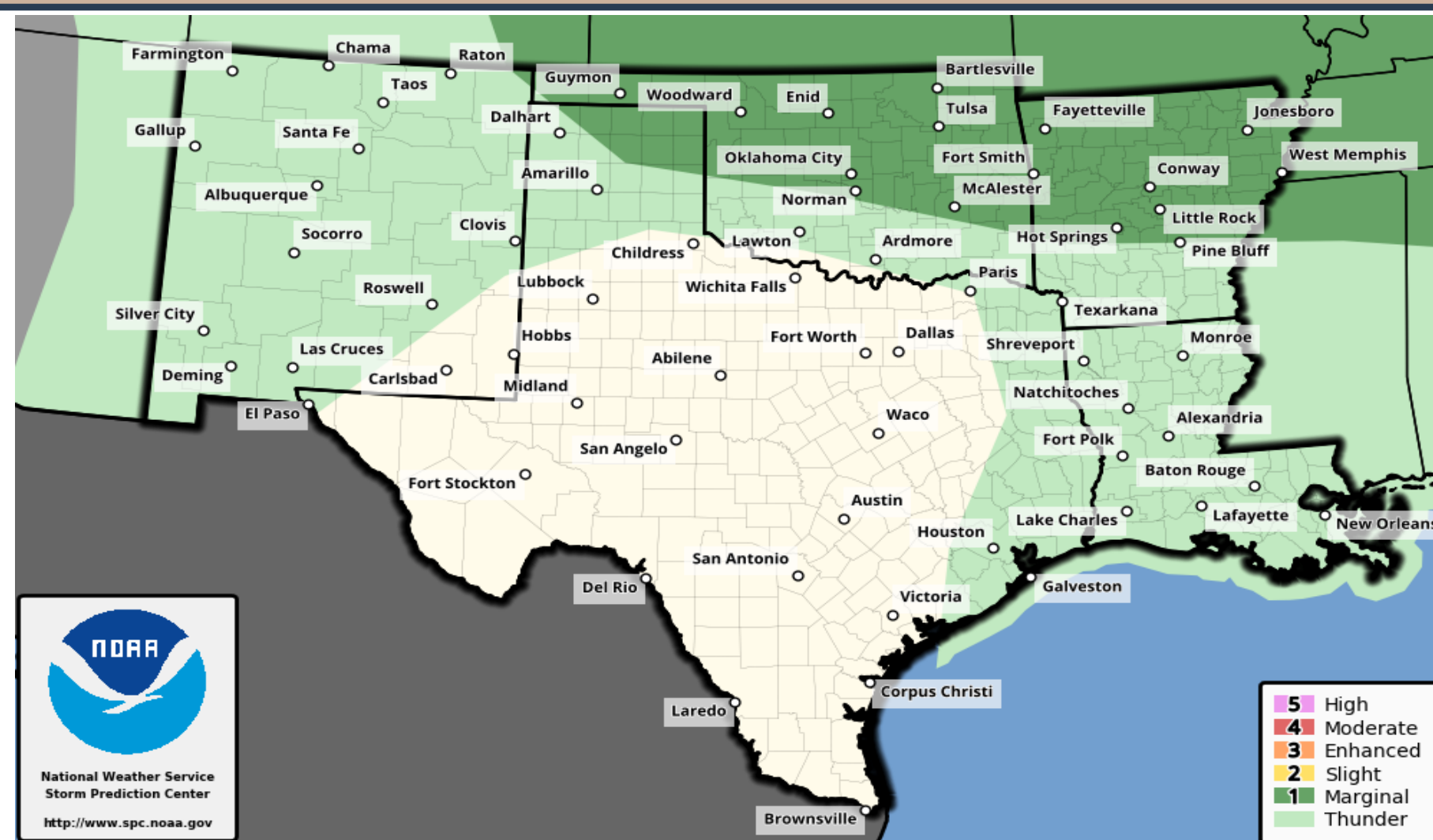
Forecast Rainfall

**Isolated strong/severe
thunderstorms across N OK,
AR.**



Severe Weather Outlook

Excessive Rainfall Outlook



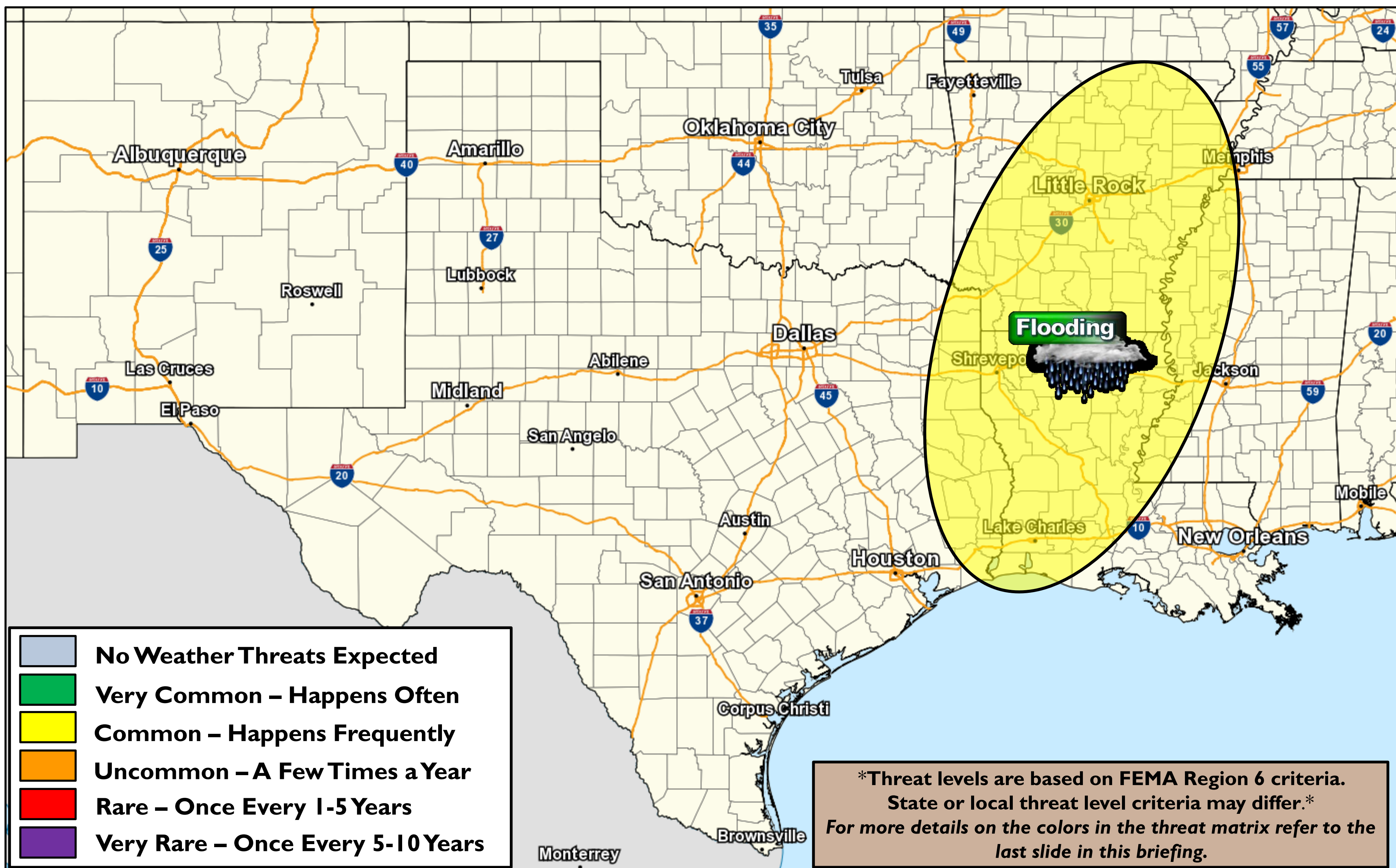
Days 4-5 Weather Hazards

Sunday - Monday



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River flooding from Laura continues across E TX, LA and AR.

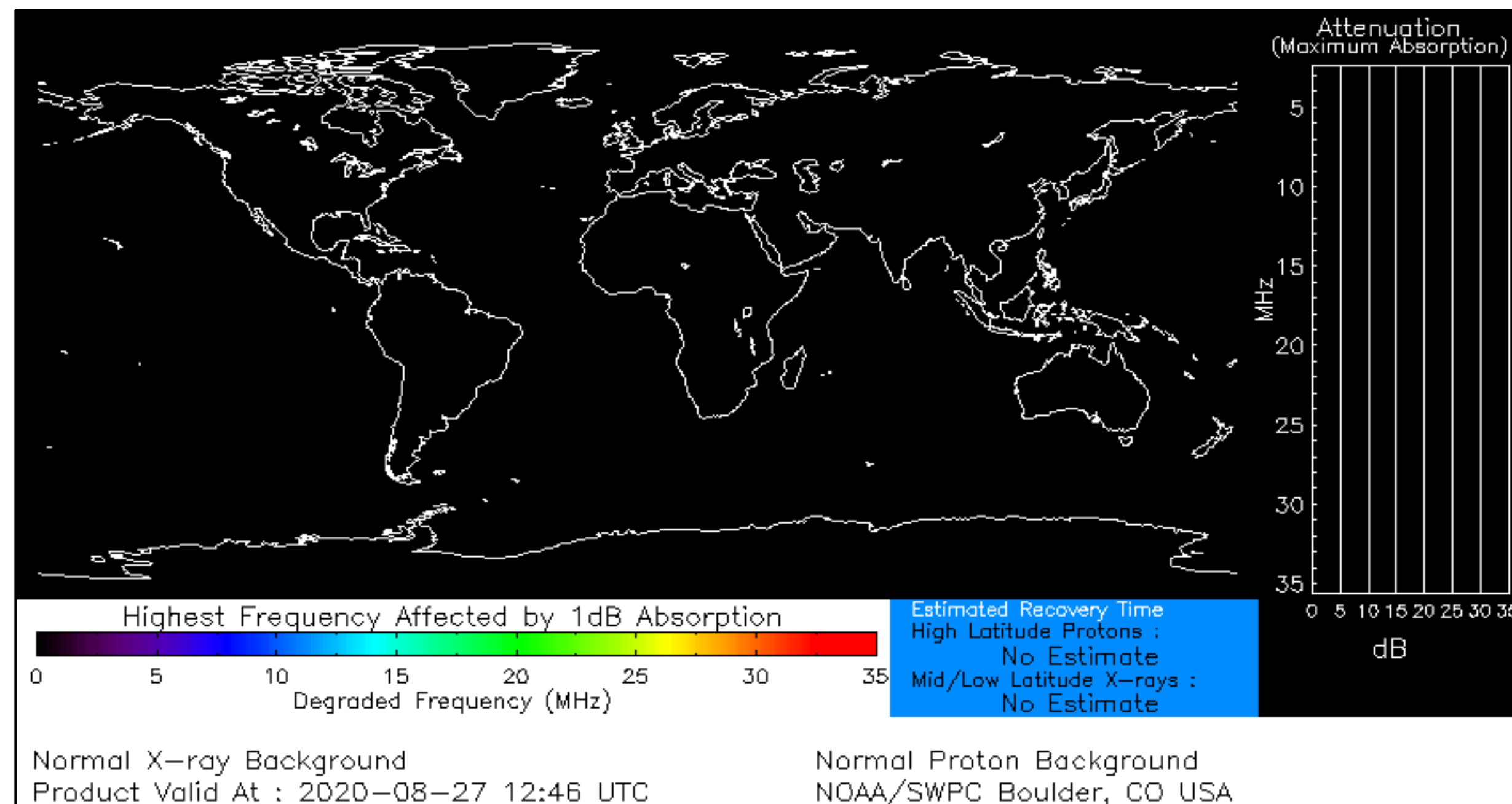


Space Weather 3-Day Forecast



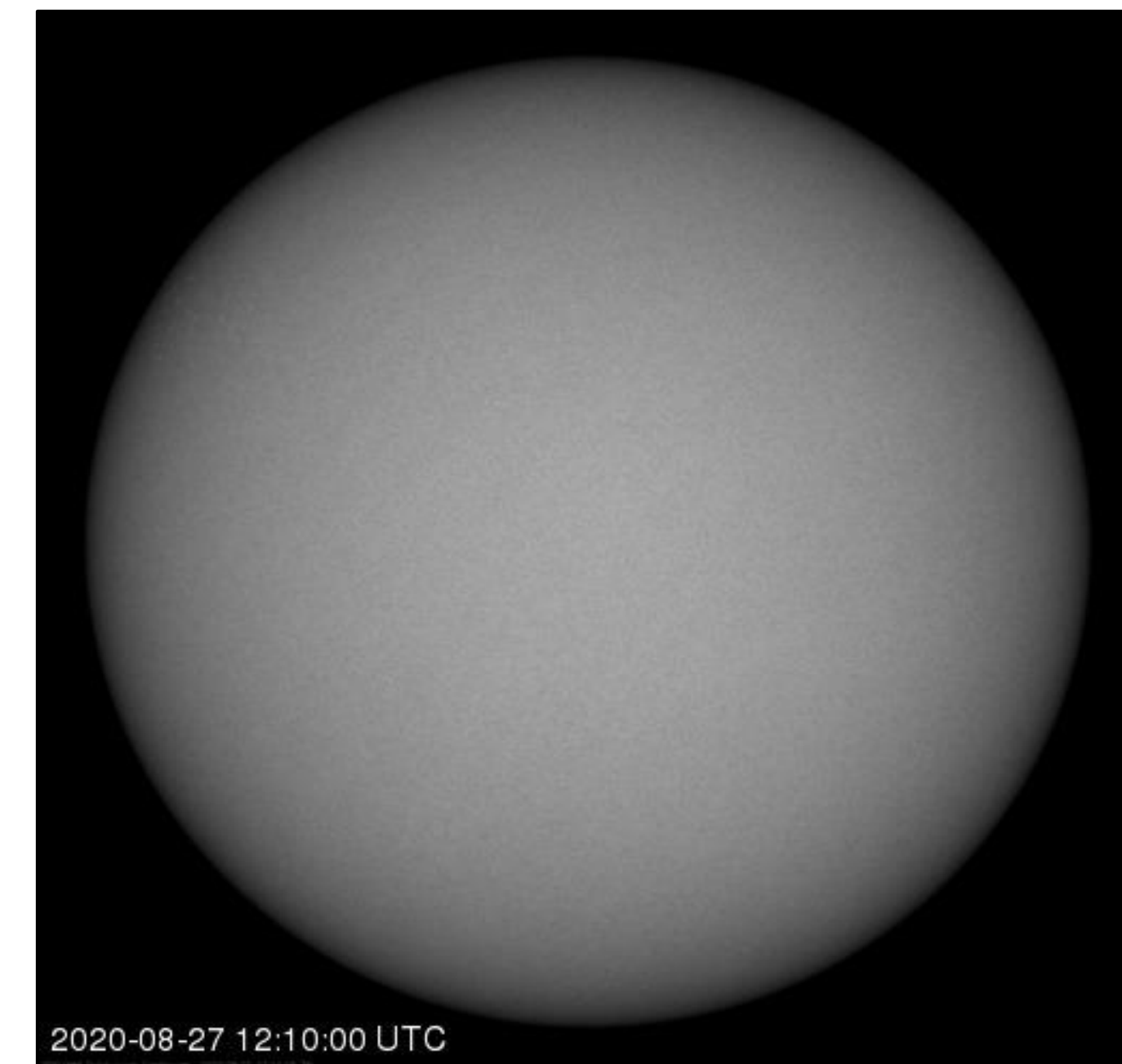
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov